

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- A3
1. (Currently amended) A ~~method~~ system comprising:
a video source device providing n bits of copy control information to a video recording device;
each of the video source and recording devices incorporating said n bits of copy control information as part of an initialization value; and
each of the video source and recording devices initializing a cipher unit with said initialization value to practice a symmetric ciphering/deciphering process employed by the video source and recording devices to protect video transmitted from the video source device to the video recording device.
 2. (Currently amended) The ~~method~~ system of claim 1, wherein each of said incorporation of said n bits of copy control information as part of the initialization value by said video source and recording devices comprises incorporation of said n bits of copy control information as most significant bits of the initialization value.

3. (Currently amended) The ~~method~~ system of claim 1, wherein each of said initialization of a cipher unit by said video source and recording devices comprises initializing a register of the cipher unit with the copy control information incorporated initialization value.

4. (Currently amended) The ~~method~~ system of claim 3, wherein each of said initialization of a register of the cipher unit by said video source and recording devices comprises initializing a register of a round function of a block cipher.

5. (Currently amended) A video apparatus comprising:

a cipher unit to generate a sequence of ciphering bits to cipher video to be transmitted by the video apparatus to a video recording device, the cipher unit including a register to be initialized by each of the video apparatus and the video recording device with an initialization value incorporating n bits of copy control information; and

a communication interface coupled to the video recording device to provide said n-bit copy control information to said video recording device.

6. (Original) The video apparatus of claim 5, wherein said initialization value incorporates said n bits of copy control information as its most significant bits.

7. (Original) The video apparatus of claim 5, wherein said cipher unit comprises a block cipher, and said register is a register of a round function of said block cipher.

8. (Currently amended) A video apparatus comprising:

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a cipher unit to generate a sequence of deciphering bits to decipher ciphered video to be received from a video source device, the cipher unit including a register to be initialized by each of the video apparatus and the video source device with an initialization value incorporating n bits of copy control information; and

a communication interface coupled to the video source device to receive said n-bit copy control information from said video source device.

9. (Original) The video apparatus of claim 8, wherein said initialization value incorporates said n bits of copy control information as its most significant bits.

10. (Original) The video apparatus of claim 8, wherein said cipher unit comprises a block cipher, and said register is a register of a round function of said block cipher.

11. (Currently amended) In a video source device, a method comprising:
providing a video recording device with n-bits of copy control information;

incorporating said n-bits of copy control information as a part of an initialization value with each of the video source device and the video recording device;

initializing a block cipher with said initialization value; and

operating said block cipher to generate a key for use by a stream cipher to cipher video to be transmitted to the video recording device.

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12. (Original) The method of claim 11, wherein said incorporation of said n bits of copy control information as part of an initialization value comprises incorporation of said n bits of copy control information as most significant bits of the initialization value.

13. (Original) The method of claim 11, wherein said initialization of the block cipher unit comprises initializing a register of a round function of the block cipher.

14. (Currently amended) In a video recording device, a method comprising:
receiving from a video source device n-bits of copy control information;
incorporating said n-bits of copy control information as a part of an initialization value with each of the video recording device and the video source device;

initializing a block cipher with said initialization value; and

operating said block cipher to generate a key for use by a stream cipher to decipher ciphered video received from the video source device.

A3 15. (Original) The method of claim 14, wherein said incorporation of said n bits of copy control information as part of an initialization value comprises incorporation of said n bits of copy control information as most significant bits of the initialization value.

16. (Original) The method of claim 14, wherein said initialization of the block cipher unit comprises initializing a register of a round function of the block cipher.
